Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言菩

アプの元名の発明者として、私は八下の通り豆茸し当す。	As a below narrand inventor, I hereby declation that:	
私の住所、私言商、国籍は下記の私の氏名の後に記載された通りです。	My residence, post office address and citizenship are as stated next to my name.	
下記の名称の発明に関して商収面固に記載され、希許出類	I believe I am the original. first and sole inventor (if only one name	-
している英明内容について、私が最初かつ機一の発明者(下 記の氏名が一つの場合)もしくは最初かつ共同発明者である。	is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and	
と(下記の名称が複なの場合)信じています。	(gr.which a patent is sought on the invention entitled	
C (1 icos z hi z iz z z z i i i i i z z z z z z z	MARKING METHOD AND MARKING APPARATUS	
	USING MULTIPLE PHOTON ABSORPTION,	** ***
	MARKED OPTICAL ELEMENT MANUFACTURED B	Y
	USING THE MARKING METHOD AND THE MARK	ING
	APPARATUS	-
ト記会明の明細さ(下記の届でx引がついていない場合は、	the specification of which is attached hereto unless the following	
本当に添付)は、	bax is checked:	· · · .
The second secon		
□ □ 月□日に提出され、米国出版番号当たに特許協定条約	was filed on	
国際出期番号をとし、	as United States Application Number or	
(改当する場合) に訂正されました。	PCT International Application Number	
	and was amended on (if applicable).	*
私は、特許請求範囲を含む上記訂正後の明知者を検討し、	Thereby state that I have reviewed and understand, the contents of	
内容を理解していることをここに表明します。	the above identified specification, including the claims, as	
	amended by any amendment referred to above.	
		*
社は、運用規則法具第37届第1条56項に定義されると	I acknowledge the duty to disclose information which is material to	
おり、特許技術の行無について重要な保制を開示する業務が	patentability as defined in Title 37. Code of Federal Regulations. Section 1.56.	
あることを認めます。	300001 1.30.	

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Japanese Language Declaration (日本語冒言者)

他に、深国に京第35月119頁(a)・(d) 役又に365頁(b) 領に基書下記の。 深 国以外の国の少なくとも一定国を指定している品評性の契約 365(a) 領に基プく国際出類。又に外国での行所出籍もしくに発明を証の出類についての外国(原元体を二にに出籍するとともに、優元機を主張している。本出類の河に出版された行所目れば発明者証の外国出類を以下に、経済をマークすることで、示しています。

Prior Foreign Application(s)

外国での無行出類 2000-258854 Japan (Number) (Country) (写名) 2000-19062 Japan (Number) (Country) (話号) (図名)

利は、第3万福米国に県119条(e)項に基いて下記の米 国特託出離規定に記載された横利をここに主受いたします。

(Application No.) (Filing Date) (出類音子) (出類日)

私は、下記の米国に共第35届120条に基いて下記の米 国特許出属に記載された権利、又は米国を指定している特許 協力条約365条(c)に基ずく権利をここに主任します。また、本出類の各項求範囲の内容が米国出共第35届112条 第1項又は特許協力条約で規定された方法で元行する米国特 計出類に開示されていない限り、その表行米国出頭香港出日 以及で本出質音の日本国内主たは特許協力条約国际提出日主 での発酵中に入手された、運邦規則法共第37届1条56項 で定義された特許気持の有無に関する重要な情報について開 示義務があることを認識しています。

	(Application No.) (出席册号)	(Filing Date) (出期日)
-	(Application No.) (出典국구)	(Filing Oate) (出類日)

社は、私自身の知識に基ずいて本国音素中で私が行なう表明が真実であり、かつ社の入事した情報と私の信じるところに基プく表明が全て真実であると信じていること、さらに改造になられた成体の表明及びそれと同等の行為は米国法典第18周第1001条に基づき、罰金または拘禁、もしくはその両方により処別されること。そしてそのような故意による成為の声明を行なえば、出頭した、文は既に評可された特許の行効性が失われることを認識し、よってここに上記のごとく直管を致します。

I hereby claim foreign priority under Title 15. United States Code, Section 119 (a)-(d) or 165(b) of any foreign application(s) for patent or inventor's certificate, or 165(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

If hereby claim the benefit under Title 35, United States Code. Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (Filing Oate) (出類音)

I hereby claim the benefit under Title 35. United States Code. Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States. listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35. United States Code Section 112. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37. Gode of Federal Regulations, Section 1.56 which became available between the filing date of application and the national or PCT International filing date of application.

(Status: Patented Pending Abandoned) (契况: 特折許可済、原属中、改豪済)

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、原寫中、改英済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration (三本語宣言者)

受化民: 私に下記の品語者として、本出籍に属する一切の子記者を受許病所以高に対して選行するデ書士言だに問題人として、下記の者を指名いたします。 (弁理士、言たに問題人の氏名及び登及番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark.

Office connected therewith (flat name and registration number)

一大智兴社员

And I hereby appoint as principal attorneys: David T. Nikaido, Reg. No. 22,663; Charles M. Marmelstein, Reg. No. 25,895; George E. Oram, Jr., Reg. No. 27,931; Robert B. Murray, Reg. No. 22,980; E. Marcie Emas, Reg. No. 32,131; Douglas H. Goldhush, Reg. No. 33,125; Monica Chin Kitus, Reg. No. 36,105; Richard J. Berman, Reg. No. 39,107; King L. Wong, Reg. No. 37,500; Karen K. Costantino, Reg. No. 35,107; James A. Poulos, III, Reg. No. 31,714; Patrick D. Muir, Reg. No. 37,403; Sharon N. Klesner, Reg. No. 36,335; and Murat Ozgu, Reg. No. 44,275; Bradley D. Goldizen, Reg. No. 43,637; and N. Alexander Notte, Reg. No. 45,689.

直 皮 三 話 直 路 元 : (名 所 及 び 電 話 云 号)

Please direct all communications to the following address: ARENT FOX KINTNER PLOTKIN & KAHN, PLLC 1050 Connecticut Avenue, N.W., Suite 600 Washington, D.C. 20036-5339 Tel: (202) 857-6000; Fax: (202) 857-6395

接一点たに第一点明委名		Full name of sole or first inventor Ken-ichi HAYASHI	
☆母なの著名	日行	Inventors signature Ken-Archi Hayashi	Oute Aug.17, 200
色新		Nakagun, Japan	
巴克		Caccassup Japanese	
私養症		Post Office Address C/O SUMITOMO HEAVY INDUST	RIES, LTD.
		 5-9-11, Kita-shinagawa, Shinagawa-ku, Tokyo Japan	
第二共同是明者名		Full name of second joint inventor, if any	•
第二共同発明者の署名	ट मि	Second inventor's signature	Oate
造 泵		Residence	
E 3		Citizansnip	
私書箱		Post Office Address	•
			_

(第三以降の共同発明者についても同様に**応**故し、著名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

套官宣語本日

アンの元名の発明者として、 私は八下の通り蓋言します。	As a below named inventor, I hereby declar that:	
私の住所、私苦苗、國籍は下記の私の氏名の後に記載され た通りです。	My residence, post office address and citizenship are as stated next to my name.	
下記の名称の発明に関して請求範囲に記載され、特許出籍 している発明内容について、私が最初かつ唯一の発明者(下 記の氏名が一つの場合)もしくは最初かつ共同発明者である	I believe I am the original. (Irst and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and	
と(下記の名称が複数の場合)目じています。	Igowhich a patent is sought on the invention entitled MARKING METHOD AND MARKING APPARATUS USING MULTIPLE PHOTON ABSORPTION,	S
	MARKED OPTICAL ELEMENT MANUFACTURED USING THE MARKING METHOD AND THE MA	
	APPARATUS	
上記発明の明細書 (下記の届でx目がついていない場合は、 本書に活付) は、	the specification of which is attached hereto unless the following box is checked:	
□	was filed onas United States Application Number or	
(減当する場合) に訂正されました。	PCT International Application Number	
	and was amended on (if applicable).	
利は、特許請求範囲を含む上記訂正後の明細書を検討し、 内容を理解していることをここに表明します。	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as	
	amended by any amendment rejetted to above.	
記は、選邦規則法具第37編第1条56項に定義されると	amended by any amendment referred to above.	

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Japanese Language Declaration (日本語宣言書)

乱に、民国に兵第35**届 L L 9 条 (a) - (d) 領文に365条** (5) 領に基ま下記の、 宋 国以外の国の少なくとも一士国を指 定している芹店性内高約 3 6 5 (a) 領に基プく国際出籍。又 に外国での併訴出類もしくに発明を証の出類についての外国 優夫権をここに出場するとともに、優先権を差壊している. 本出類の前に出着された音楽されば発明者能の外圍出棋を以 下に、枠内をマークすることで、示しています。

Prior Foreign Application(s)

外国での元行出類 2000-258854	Japan
(Number) (출왕)	(Country) (国名)
2000-19062	Japan
(Number)	(Country)
(香子)	(国名)

刊は、第3万届米国に共119条(e)項に基いて下記の米。 面特託出離規定に記載された権利をここに主要いたします。

> (Filing Date) (Application No.) (出類日) (出願品号)

乳は、下記の米国に共第3.5項120条に基いて下記の米 回答并出属に記載された推制、 又は米田を指定している特許 出力条約365条(c)に基ずく権利をここに主張します。主 た、本出贈の各頭求節団の内容が米国治與第35編112条 第1項又は特別巡力条約で規定された方法で元行する米国権 許出類に開示されていない疑り、その先行米回出顧香提出日 以降で本出資本の日本国内主たは特許協力条約国際提出日主 での発樹中に入手された、運邦規則出昇第37編1条56項 で定義された特許気持の有無に関する重要な情報について開 示義務があることを認識しています。

(Filing Date) (Application No.) (出口日) (出口云字) (Application No.) (Filing Date) (出版日) (是實質量)

礼は、私目身の知識に基ずいて本立言書中で私が行なう安 明が真実であり、かつ社の入平した情報と私の信じるところ に基サく云明が全て真実であると信じていること、さらに故 意になされた虚偽の表明及びそれと同等の行為に米国法典第 18編第1001条に基土き、罰金当たは拘禁、もしくはそ の両方により処罰されること、そしてそのような故意による 虚偽の声明を行なえば、出耳した、又は既に許可された神許 の有効性が失われることを認識し、よってここに上記のごと く正安を致します。

Thereby claim foreign priority under Title 15. United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed 優先権主張なし、 29/08/2000 (Day/Month/Year Filed) (出稿年月日) 27/01/2000 (Day/Month/Year Filed) ΧX (出版年月日)

I hereby claim the benefit under Title 15. United States Code. Section 119(e) of any United States provisional application(s) listed below.

(Application No.) (Filing Oate) (出席番号) (出間三)

I hereby claim the benefit under Title 35. United States Code. Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, 1 acknowledge, the duty to disclose information, which is material to patentability as defined in Title 37. Code of Federal Regulations. Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

> (Status: Patented, Pending, Abandoned) (現況: 特开护可诱、原属中、故栗汤)

(Status, Patented, Pending, Abandoned) (現況: 特許許可済、原属中、政黨済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful talse statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration (三本語宣言書)

交化状: 私に下記の品牌者として、本出地に関する一切の 手続きと米奇府両線局に対して进行する中華士言だは代理人 として、下記の者を指名いたします。 (弁護士: 言たは代理、 人の云名及び至政番号を開記のこと) POWER OF ATTORNEY: As a named inventor. I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark. Office connected therewith (flat name and registration number)

古古进州元

And I hereby appoint as principal attorneys: David T. Nikaido, Reg. No. 22,663; Charles M. Marmelstein, Reg. No. 25,895; George E. Oram, Ir., Reg. No. 27,931; Robert B. Murray, Reg. No. 22,980; E. Marcie Emas, Reg. No. 32,131; Douglas H. Goldhush, Reg. No. 33,125; Modica Chin Kitts, Reg. No. 36,105; Richard J. Berman, Reg. No. 39,107; King L. Wong, Reg. No. 37,500; Karen K. Costancino, Reg. No. 35,107; James A. Poulos, III, Reg. No. 31,114; Purick D. Muir, Reg. No. 37,403; Sharon N. Klestoer, Reg. No. 36,335; and Murat Ozgu, Reg. No. 44,275; Bradley D. Goldizen, Reg. No. 43,637; and N. Alexander Notte, Reg. No. 45,689.

巫贡花斋运格元: (冬前及び花品香号)

Please direct all communications to the following address: ARENT FOX KINTNER PLOTKIN & KAHN, PLLC 1050 Connecticut Avenue, N.W., Suite 600 Washington, D.C. 20036-5339
Tel: (202) 857-6000; Fax: (202) 857-6395

唯一生之仁第一是明者名 Full name of sole or first inventor Kazuyoshi ITOH 日行 Inventor's signature Oate Aug. 17, 2001 元司者の著名 sidence 色派 Kawanishi, Japan 巴宾 Catterianio Japanese 私畜宿 C/O SUMITOMO HEAVY INDUSTRIES, LTD. 5-9-11, Kita-shinagawa, Shinagawa-ku, Tokyo, Japan Full name of second joint inventor, if any 第二共同発明者名 Oate 己行 Second inventor's signature 第二共同発明者の署名 Residence 告新 Cittzensnip 医寡 Post Office Acdress 私番箱

(第三以降の共同発明者についても同様に花栽し、著名をナ

. (Supply similar information and signature for third and subsequent joint inventors.)

ること)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HAYASHI et al

Application Number: 09/940,604

Group Art Unit: 1725

Filed: August 29, 2001

Atty. Docket No.: 59556-00003

For: MARKING METHOD AND MARKING APPARATUS USING MULTIPLE

PHOTON ABSORPTION, MARKED OPTICAL ELEMENT MANUFACTURED BY USING THE MARKING METHOD AND THE MARKING APPARATUS

NOTIFICATION OF CHANGE OF NAME AND ADDRESS AND ASSOCIATE POWER OF ATTORNEY

Commissioner of Patents Washington, D.C. 20231

September 3, 2002

Sir:

The undersigned attorney of record respectfully requests that the correspondence name and address for the above-identified application be changed to the following:

Customer Number 32294

SQUIRE, SANDERS & DEMPSEY LLP 14TH Floor 8000 Towers Crescent Drive Tysons Corner, Virginia 22182-2700

Telephone: 703-720-7800

Fax: 703-720-7802

32294

Further, the undersigned, an attorney of record in connection with the above-identified application, hereby grants and appoints as associate attorneys to conduct

all business before the United States Patent & Trademark Office relative to said application:

Douglas H. Goldhush, Reg. No. 33,125; Kevin F. Turner, Reg. No. 43,437; Dinnatia J. Doster, Reg. No. 45,268; Sam Huang, Reg. No. 48,430; Rhonda L. Barton, Reg. No. 47,271; Marc A. Sockol, Reg. No. 40,823; Vidya R. Bhakar, Reg. No. 42,323; Daryl C. Josephson, Reg. No. 37,365; Cameron Kerrigan, Reg. No. 44,826; David B. Abel, Reg. No. 32,394; Nathan Lane, Reg. No. 43,738; Lorinda Howland, Reg. No. 42,671; Michael Lechter, Reg. No. 27,350; David Koo, Reg. No. 46,839; David Rogers, Reg. No. 38,287; William Bachand, Reg. No. 34,980; Aaron Wininger, Reg. No. 45,229; Paul A. Durdik, Reg. No. 37,819; Paul J. Meyer P47,791; David A. Levine, Reg. No. 48,821; Victor Repkin, Reg. No. 45,039; Victoria L. Nicholson, Reg. No. 47,823; and Fariba Sirjani, Reg. No. P47,947.

Should any fees be due with respect to this paper, please charge Counsel's Deposit Account No. 50-2222.

Respectfully submitted,

SIGNATURE ON ORIGINAL

Douglas H. Goldhush Reg. No. 33,125

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DHG:scc